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PTO/SB/01 (12-97)

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Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

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<b>DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION</b> <b>(37 CFR 1.63)</b>  <input checked="" type="checkbox"/> Declaration Submitted With Initial Filing    OR <input type="checkbox"/> Declaration Submitted after Initial Filing (surcharge (37 CFR 1.16 (e)) required)	Attorney Docket Number	3291.7
	First Named Inventor	Kulp
	<b>COMPLETE IF KNOWN</b>	
	Application Number	/
	Filing Date	May 2, 2002
	Group Art Unit	
	Examiner Name	

**As a below named inventor, I hereby declare that:**

My residence, post office address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**Method, System and Computer Software For Providing A Genomic Web Portal**

the specification of which (Title of the Invention)

☒ is attached hereto

OR

☐ was filed on (MM/DD/YYYY) [ ] as United States Application Number or PCT International Application Number [ ] and was amended on (MM/DD/YYYY) [ ] (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims as amended specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 385(a) of any PCT International application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Country	Priority Not Claimed	Certified Copy Attached?	
					YES	NO
				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below.

Application Number(s)	Filing Date (MM/DD/YYYY)
60/288,429	5/3/2001
60/301,298	8/25/2001
60/308,033	7/16/2001
60/333,522	11/27/2001

☒ Additional provisional application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

[Page 1 of 2]

Burden Hour Statement This form is estimated to take 0.4 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

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**DECLARATION — Utility or Design Patent Application**

I hereby claim the benefit under 35 U.S.C. 120 of any United States application(s), or 365 of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application in the manner provided by the first paragraph of 35 U.S.C. 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.55 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

U.S. Parent Application or PCT Parent Number	Parent Filing Date (MM/DD/YYYY)	Parent Patent Number (if applicable)
PCT/US 01/02316	1/24/2001	

Additional U.S. or PCT international application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

As a named inventor, I hereby appoint the following registered practitioner(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith

☐ Customer Number

22866

OR

☒ Registered practitioner(s) name/registration number listed below

Place Customer Number Bar Code Label here

Name	Registration Number	Name	Registration Number
Alan B. Sherr	42,147	Wei Zhou	44,419
		Phillip L. McGarrigle	31,395
		Man Sung Co	42,423

☐ Additional registered practitioner(s) named on supplemental Registered Practitioner Information sheet PTO/SB/02C attached hereto.

Direct all correspondence to:

☒ Customer Number or Bar Code Label

22866

OR

☒ Correspondence address below

Name	Affymetrix, Inc.				
Address	General IP Counsel - Legal Department				
Address	3380 Central Expressway				
City	Santa Clara	State	CA	ZIP	95051
Country	USA	Telephone	408/731-5000	Fax	408/731-5392

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that those statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Name of Sole or First Inventor:

☐ A petition has been filed for this unsigned inventor

Given Name (first and middle (if any))		Family Name or Surname	
David C.		Kulp	
Inventor's Signature			Date
Residence: City	Albany	State	CA
Country	USA	Citizenship	USA
Post Office Address	827 Jackson Street		
Post Office Address			
City	Albany	State	CA
ZIP	94705	Country	USA

☒ Additional inventors are being named on the 2 supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto.

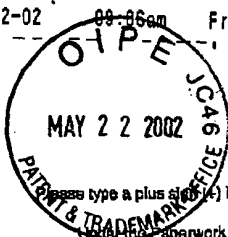
[Page 2 of 2]

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PTO/SB/02A (3-97)

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## DECLARATION


ADDITIONAL INVENTOR(S)  
 Supplemental Sheet  
 Page 1 of 2

Name of Additional Joint Inventor, if any:				<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name (first and middle (if any))				Family Name or Surname			
Michael A.				Slani-Rose			
Inventor's Signature	Michael A. Slani-Rose			Date		5-1-02 5-1-02	
Residence: City	San Francisco	State	CA	Country	USA	Citizenship	USA
Post Office Address	341 Day Street						
Post Office Address							
City	San Francisco	State	CA	ZIP	94131	Country	USA
Name of Additional Joint Inventor, if any:				<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name (first and middle (if any))				Family Name or Surname			
Shaw				Sun			
Inventor's Signature				Date			
Residence: City	El Cerrito	State	CA	Country	USA	Citizenship	USA
Post Office Address	744 Alameda Street						
Post Office Address							
City	El Cerrito	State	CA	Zip	94530	Country	USA
Name of Additional Joint Inventor, if any:				<input type="checkbox"/> A petition has been filed for this unsigned inventor			
Given Name (first and middle (if any))				Family Name or Surname			
Ron T.				Shigeta			
Inventor's Signature	Ron Shigeta			Date		5-1-02 5-1-02	
Residence: City	Berkeley	State	CA	Country	USA	Citizenship	USA
Post Office Address	1213 San Pablo Avenue, #203						
Post Office Address							
City	Berkeley	State	CA	Zip	94710	Country	USA

Burden Hour Statement: This form is estimated to take 0.4 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.


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PTO/SB/02A (2-97)

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**DECLARATION****ADDITIONAL INVENTOR(S)**  
Supplemental Sheet  
Page 1 of 2

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])				Family Name or Surname			
Michael A.				Giori-Pinas			
Inventor's Signature						Date	
Residence: City	San Francisco	State	CA	Country	USA	Citizenship	USA
Post Office Address		341 Day Street					
Post Office Address							
City	San Francisco	State	CA	ZIP	94131	Country	USA
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])				Family Name or Surname			
Shaw				Sun			
Inventor's Signature						Date	5/2/2002
Residence: City	El Cerrito	State	CA	Country	USA	Citizenship	USA
Post Office Address		744 Alameda Street					
Post Office Address							
City	El Cerrito	State	CA	Zip	94520	Country	USA
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle [if any])				Family Name or Surname			
Ron T.				Shigeta			
Inventor's Signature						Date	
Residence: City	Berkeley	State	CA	Country	USA	Citizenship	USA
Post Office Address		1219 San Pablo Avenue, #208					
Post Office Address							
City	Berkeley	State	CA	Zip	94710	Country	USA

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PTO/SB/02A (3-97)

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## DECLARATION

ADDITIONAL INVENTOR(S)  
Supplemental Sheet  
Page 2 of 2

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle (if any))				Family Name or Surname			
Given Name: <u>GUOYING</u>				Li			
Inventor's Signature		<u>Guoying Li</u>			Date		<u>5/2/02</u>
Residence: City		San Ramon	State	CA	Country	USA	Citizenship
Post Office Address		564 Country Brook Loop					
Post Office Address							
City		San Ramon	State	CA	Zip	94583	Country
City		San Ramon	State	CA	Zip	94583	Country
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle (if any))				Family Name or Surname			
Given Name: <u>Gloria</u>				Chervitz			
Inventor's Signature					Date		
Residence: City			State	CA	Country	USA	Citizenship
Post Office Address							
Post Office Address							
City			State	CA	Zip		Country
City			State	CA	Zip		Country
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle (if any))				Family Name or Surname			
Given Name: <u>Gloria</u>				Chervitz			
Inventor's Signature					Date		
Residence: City			State		Country		Citizenship
Post Office Address							
Post Office Address							
City			State		Zip		Country
City			State		Zip		Country

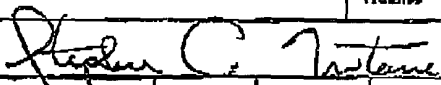
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PTC/ISS/02A (3-87)

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**DECLARATION****ADDITIONAL INVENTOR(S)**  
Supplemental Sheet  
Page 2 of 2

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle (if any))				Family Name or Surname			
Geuying- GUOYING				Liu			
Inventor's Signature						Date	
Residence: City	San Ramon	State	CA	Country	USA	Citizenship	PR China
Post Office Address	484 Country Brook Loop						
Post Office Address							
City	San Ramon	State	CA	ZIP	94583	Country	USA
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle (if any))				Family Name or Surname			
Stephen C.				Trutans			
Inventor's Signature						Date	5/2/02
Residence: City	Albany	State	CA	Country	USA	Citizenship	USA
Post Office Address	1077 Curtis Street						
Post Office Address							
City	Albany	State	CA	Zip	94706	Country	USA
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle (if any))				Family Name or Surname			
Inventor's Signature						Date	
Residence: City		State		Country		Citizenship	
Post Office Address							
Post Office Address							
City		State		Zip		Country	

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Attorney Docket No. 3291.7

**Assignment of Rights, Title and Interest in Invention  
(Multiple Inventors; Single Assignee)**

*This is an Assignment of the following rights, title and interest: (check all that apply):*

☒ *United States of America rights, title and interest in the invention as described in Attorney Docket No. 3291.7*

☒ *Foreign Rights, title and interest in the invention as described in Attorney Docket No. 3291.7*

☒ *United States Patent Application Attorney Docket No. 3291.7*

*Date of Execution: \_\_\_\_\_ Date of Filing: 5/2/02*

☒ *United States Provisional Patent Application Serial No. 60/288,429*

☐ *United States Patent No(s).*

☐ *International (PCT) Patent Application Serial No.*

☐ *Other (specify)*

**Title of Invention**

Method, System and Computer Software For Providing A Genomic Web Portal

**Inventors (assignors)**

<i>Name</i>	<i>Address</i>
David C. Kulp	827 Jackson Street, Albany, CA 94706
Michael A.Siani-Rose	341 Day Street, San Fransisco, CA 94131
Shaw Sun	744 Albermarle Street, El Cerrito, CA 94530
Ron T. Shigeta	1213 San Pablo Avenue # 203, Berkeley, CA 94710
Gouying Liu <i>GOOYING</i>	564 Country Brook Loop, San Ramon, CA 94583
Stephen C. Trutane	1077 Curtis Street, Albany, CA 94706

**Assignee:**

<i>Name</i>	<i>Address</i>
Affymetrix, Inc.,	3380 Central Expressway Santa Clara, CA 95051

Whereas, we, the above-identified Inventors, have invented certain new and useful improvements in the Invention identified above and described in the above-identified patent application(s) and/or patent(s) (hereinafter referred to as "Invention");

And whereas we desire to assign our above-identified rights, title and interest in the Invention to the above-identified Assignee;

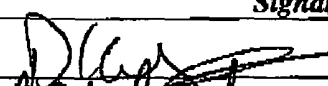

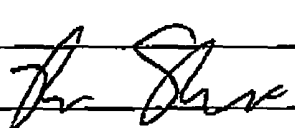
Now, this indenture witnesseth, that for good faith and valuable consideration, the receipt whereof is hereby acknowledged;

We hereby assign, sell and transfer our above-identified rights, title and interest in said Invention, said application(s) as identified above, including any divisions, continuations, and continuation-in-part thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereof, and in and to any and all priority rights, Convention rights, and other benefits accruing or to accrue to us with respect to the filing of applications for patents or securing patents in the United States and countries foreign thereto, unto said Assignee;

And we hereby authorize and request the Commissioner of Patents and Trademarks to issue any United States Letters Patent which may issue for said Invention to said Assignee, as assignee of the whole right, title and interest thereto;

And we further agree to sign and execute all necessary and lawful future documents, including any applications for foreign patents, for filing divisions, continuations and continuations-in-part of said application for patent, and/or, for obtaining any reissue or reissues of any Letters Patent which may be granted for our aforesaid Invention, as the Assignee of its Designee(s) may from time to time require and prepare at its own expense.

**Inventor's Signatures**

Name	Signature/ Date
David C. Kulp	
Michael A. Siani-Rose	
Shaw Sun	
Ron T. Shigeta	
Gouying Liu Gouying	
Steve Chervitz	



Whereas, we, the above-identified Inventors, have invented certain new and useful improvements in the Invention identified above and described in the above-identified patent application(s) and/or patent(s) (hereinafter referred to as "Invention");

And whereas we desire to assign our above-identified rights, title and interest in the Invention to the above-identified Assignee;

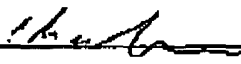
Now, this indenture witnesseth, that for good faith and valuable consideration, the receipt whereof is hereby acknowledged;

We hereby assign, sell and transfer our above-identified rights, title and interest in said Invention, said application(s) as identified above, including any divisions, continuations, and continuation-in-part thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereof, and in and to any and all priority rights, Convention rights, and other benefits accruing or to accrue to us with respect to the filing of applications for patents or securing patents in the United States and countries foreign thereto, unto said Assignee;

And we hereby authorize and request the Commissioner of Patents and Trademarks to issue any United States Letters Patent which may issue for said Invention to said Assignee, as assignee of the whole right, title and interest thereto;

And we further agree to sign and execute all necessary and lawful future documents, including any applications for foreign patents, for filing divisions, continuations and continuations-in-part of said application for patent, and/or, for obtaining any reissue or reissues of any Letters Patent which may be granted for our aforesaid Invention, as the Assignee of its Designee(s) may from time to time require and prepare at its own expense.

**Inventor's Signatures**

Name	Signature/ Date
David C. Kulp	
Michael A. Siani-Rose	
Shaw Sun	 5/2/2002
Ron T. Shigeta	
Gouying Liu GUSYING	
Steve Chervitz	

**Whereas, we, the above-identified Inventors, have invented certain new and useful improvements in the Invention identified above and described in the above-identified patent application(s) and/or patent(s) (hereinafter referred to as "Invention");**

**And whereas we desire to assign our above-identified rights, title and interest in the Invention to the above-identified Assignee;**

**Now, this indenture witnesseth, that for good faith and valuable consideration, the receipt whereof is hereby acknowledged;**

**We hereby assign, sell and transfer our above-identified rights, title and interest in said Invention, said application(s) as identified above, including any divisions, continuations, and continuation-in-part thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereof, and in and to any and all priority rights, Convention rights, and other benefits accruing or to accrue to us with respect to the filing of applications for patents or securing patents in the United States and countries foreign thereto, unto said Assignee;**

**And we hereby authorize and request the Commissioner of Patents and Trademarks to issue any United States Letters Patent which may issue for said Invention to said Assignee, as assignee of the whole right, title and interest thereto;**

**And we further agree to sign and execute all necessary and lawful future documents, including any applications for foreign patents, for filing divisions, continuations and continuations-in-part of said application for patent, and/or, for obtaining any reissue or reissues of any Letters Patent which may be granted for our aforesaid Invention, as the Assignee of its Designee(s) may from time to time require and prepare at its own expense.**

**Inventor's Signatures**

<b>Name</b>	<b>Signature/ Date</b>
David C. Kulp	
Michael A. Siani-Rosc	
Shaw Sun	
Ron T. Shigeta	
Geoying Liu GUOYING	Geoying Liu 5/2/02
Steve Chervitz	

Whereas, we, the above-identified Inventors, have invented certain new and useful improvements in the Invention identified above and described in the above-identified patent application(s) and/or patent(s) (hereinafter referred to as "Invention");

And whereas we desire to assign our above-identified rights, title and interest in the Invention to the above-identified Assignee;

Now, this indenture witnesseth, that for good faith and valuable consideration, the receipt whereof is hereby acknowledged;

We hereby assign, sell and transfer our above-identified rights, title and interest in said Invention, said application(s) as identified above, including any divisions, continuations, and continuation-in-part thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereof, and in and to any and all priority rights, Convention rights, and other benefits accruing or to accrue to us with respect to the filing of applications for patents or securing patents in the United States and countries foreign thereto, unto said Assignee;

And we hereby authorize and request the Commissioner of Patents and Trademarks to issue any United States Letters Patent which may issue for said Invention to said Assignee, as assignee of the whole right, title and interest thereto;

And we further agree to sign and execute all necessary and lawful future documents, including any applications for foreign patents, for filing divisions, continuations and continuations-in-part of said application for patent, and/or, for obtaining any reissue or reissues of any Letters Patent which may be granted for our aforesaid Invention, as the Assignee of its Designee(s) may from time to time require and prepare at its own expense.

**Inventor's Signatures**

Name	Signature/ Date
David C. Kulp	
Michael A. Siani-Rose	
Shaw Sun	
Ron T. Shigeta	
Gouying Liu GUYING	
Stephen C. Trutane	Stephen C. Trutane